

Notice of Allowability

Application No.

09/823,892

Examiner

GEORGE L. OPIE

Applicant(s)

KAPPEL ET AL.

Art Unit

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendments on 03/09/2006.
2. ☒ The allowed claim(s) is/are 2, 3, 6, 7, 11, 12, 16, and 17 (now renumbered as 1-8).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Examiner's Amendment

An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 C.F.R 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee.

Authorization for this Amendment was given by Applicant's representative, Harry E. Moose, Jr. (Reg. No. 51,277) in a telephone call on 9 March 2006.

The claims have been amended as specified in the attached listing of claims.

Contact Information:

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system.

Status information for published applications may be obtained from either Private-PAIR or Public-PAIR.

Status information for unpublished applications is available through Private-PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.

Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

The Official fax number (571) 273-8300 should be used for any and all facsimile submissions to the Office.

Hand carried responses should be delivered to the *Customer Service Window* (Randolph Building, 401 Dulany Street, Alexandria, Virginia 22314).

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All responses sent by U.S. Mail should be mailed to:

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist at **(571) 272-2100**.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to George Opie at 571-272-3766 or via e-mail at *George.Opie@uspto.gov*. Internet e-mail should not be used where sensitive data will be exchanged or where there exists a possibility that sensitive data could be identified unless there is an express waiver of the confidentiality requirements under 35 U.S.C. 122 by the Applicant. Sensitive data includes confidential information related to patent applications.


WILLIAM THOMSON
SUPERVISORY PATENT EXAMINER
CENTER 2100

1. (Cancelled)
2. (Previously Presented) The system of claim 3, further comprising:
means for determining the default location of the application object.
3. (Currently Amended) A system for providing dynamic definition of an application object in a component framework environment, comprising:
 means for providing a plurality of application dictionaries that contain information about the application object, one application dictionary for each client component and each server component in the component framework environment;
 means for providing a class dictionary entry that defines meta information about the application object;
 means for defining a list of allowable attributes to be changed to modify the definition of the application object;
 means for modifying the application dictionaries to modify a definition of the application object; and
 means for validating the application dictionary modification; and
 means for saving the modified definition of the application object if the application dictionary modification is validated.
4. (Cancelled)
5. (Cancelled)
6. (Currently Amended) A method for providing dynamic definition of an application object in a component framework environment, the method comprising steps of:
 providing a plurality of application dictionaries that contain information about the application object, one application dictionary for each client component and each server component in the component framework environment;
 providing a class dictionary entry that defines meta information about the application object; and
 defining a list of allowable attributes to be changed to modify the definition of the application object;
 modifying the application dictionaries to modify a definition of the

application object;

validating the application dictionary modification; and

saving the modified definition of the application object if the application dictionary modification is validated.

7. (Original) The method of claim 6, further comprising the step of:
determining the default location of the application object.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Currently Amended) A computer readable medium for providing dynamic definition of an application object, comprising:

logic for providing an application dictionary that contains information about the application object, including component pertinent information that allows a component to communicate with other components;

logic for providing a class dictionary entry that defines meta information about the application object;

logic for defining a list of allowable attributes to be changed to modify the definition of the application object;

logic for modifying the application dictionary to modify a definition of the application object; and

logic for providing a range definition for each modifiable application object definition that specifies minimum and maximum values for the definition;

logic for validating the application dictionary modification; and

logic for saving the modified definition of the application object if the application dictionary modification is validated.

12. (Original) The computer readable medium of claim 11, further comprising:
logic for determining the default location of the application object.

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Currently Amended) A system for providing dynamic definition of an

application object, comprising:

an application dictionary that contains information about the application object, including component pertinent information that allows a component to communicate with other components;

a class dictionary entry in the application dictionary that defines meta information about the application object;

a list of allowable attributes to be changed to modify the definition of the application object;

a modifier that modifies the application dictionary to modify a definition of the application object; and

a range enumeration definition defining a comprehensive list of allowable attribute values for each application object definition;

a validation mechanism that validates the application dictionary modification, the validation mechanism comprising a save mechanism that saves the modified definition of the application object if the application dictionary modification is validated

17. (Original) The system of claim 16, wherein the application dictionary determines the default location of the application object.

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)